

Shif DEC 16TH

Work Order ID 153258

Tuesday, November 15, 2016 11:17:42 AM

153258

PRELIMINARY ISSUE

Page 1

Item ID: 647.7341



Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/8/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

VS [Signature]

Date:

16/11/15

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 647.7341								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DEC 15 2016

DAS
6
9-89

DAS
21
9-89

16-12-16

DAS
28
9-89

DEC 19 2016

DEC 15 2016

DAS
6
9-89

Smbs

DAS
28
9-89

DEC 19 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 153258

Tuesday, November 15, 2016 11:17:42 AM

153258

Page 2

Item ID: 647.7341

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/8/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 647.7341 Location : FG109								
140		0.00							
140	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

DAS
28
9-89
DEC 19 2016DAS
21
9-89

DEC 19 2016

DEC 19 2016

POSITIVE RECALL
EFFECTIVE 12/11/18 AUTH
RELEASED DATE
RD16-100601

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Tuesday, November 15, 2016 11:17:42 AM

Page 1

Work Order ID: 153258

153258

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016

Required Date: 12/8/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 16.09.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.1601 *647 1601* Wiper Deflector Aft		Manufactured	No				Each	3.0000	**	1			DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK091				3					
					148295			1					
					151482			2					
647.1610 *647 1610* Wiper Deflector Fwd		Manufactured	No				Each	17.0000	**	1		DEC 15 2016	DAS 6 9-89 DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK091				17					
					125082			13					
					M130388			4					
647.1914 *647 1914* Bracket		Manufactured	No				Each	5.0000	**	1		DEC 15 2016	DAS 6 9-89 DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK110				5					
					109733			5					
647.1602 *647 1602* Doubler Assembly		Manufactured	No				Each	24.0000	**	1		DEC 15 2016	DAS 6 9-89 DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				CCK107				24					
					92479			3					
					M130388			21					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER :							

Picklist Print

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Page 2

Work Order ID: 153258

153258

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016

Required Date: 12/8/2016

Start Qty: 1.00

Required Qty: 1.00

647.3201 Manufactured No

Each 4.0000

1

647.3201

Grounding Cable Assembly

**

DEC 15 2016

DAS 27
9-89

Location

Loc Qty

Loc Code

cck111

4

123417

4

1

AN4CH6A

Purchased No

Each 40.0000

1

AN4CH6A

Bolt

**

DEC 15 2016

DAS 27
9-89

Location

Loc Qty

Loc Code

ST345

40

123525

20

m126176

20

1

MS21042-08

MS21042L08

Purchased No

Each 0.0000

1

MS21042-08

USE MS21042L08

**

DEC 15 2016

DAS 27
9-89

MS21042-3

MS21042L3

Purchased No

Each 0.0000

3

MS21042-3

Nut

**

DEC 15 2016

DAS 27
9-89

MS27039-08-07

Purchased No

Each 100.0000

1

MS27039-08-07

SCREW

**

DEC 15 2016

DAS 27
9-89

Location

Loc Qty

Loc Code

ST278

100

m132035

100

1

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval			
Description Work Order Deviation				Disposition							

Root Cause				FAULT CATEGORY																																																											
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER : _____																																							

Picklist Print

Tuesday, November 15, 2016 11:17:42 AM

Work Order ID: 153258

153258

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016

Required Date: 12/8/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-07

Purchased

No

Each

182.0000

3

MS27039-1-07

Screw

DEC 15 2016

DAS 27
9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

GA

2

125654

2

ST281

180

m135948

180

3

MS27039-1-14

Purchased

No

Each

706.0000

4

MS27039-1-14

Screw

DEC 15 2016

DAS DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

GA

94

120449

94

over006

500

124326

500

ST280

112

124326

112

4

601.2999

Manufactured

No

Each

60.0000

3

601 2999

Screw

DEC 15 2016

DAS DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

CCK098

60

91707

10

93369

50

2

1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Tuesday, November 15, 2016 11:17:42 AM

Page 4

Work Order ID: 153258

153258

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/8/2016

Required Date: 12/8/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

Each

1,463.000

2

NAS1149FN832P

Washer

**

DEC 15 2016

DAS 27
DAS 6
9-89

Location

Loc Qty

Loc Code

GA

1285

M135058

1285

ST263

178

M135603

178

Each

2,610.000

10

NAS1149F0332P

Purchased

No

NAS1149F0332P

Washer

**

DEC 15 2016

DAS 27
DAS 6
9-89

Location

Loc Qty

Loc Code

GA

343

m133709

343

ST262

2267

m135544

267

m135948

2000

Each

62.0000

3

601.2375

Manufactured

No

601 2375

Washer

**

DEC 15 2016

DAS 27
DAS 6
9-89

Location

Loc Qty

Loc Code

CCK096

62

91708

62

3

DAS 28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																	
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		OTHER :																							



SUBJECT:
Manufacturing Process Procedure
EC-135 CCK Configuration Management

DOCUMENT NO:
MPP-195
Rev. N/C
12/15/16

Table 15: Universal Wiper Deflector (WD) Assembly, 647.7341

FIND #	PART #	DESCRIPTION	QTY
4	647.1601	WIPER DEFLECTOR ASSY, AFT	1
5	647.1610	WIPER DEFLECTOR, FWD	1
29	647.1914	BRACKET	1
30	647.1602	DOUBLER ASSY	1
35	647.3201	GROUNDING CABLE ASSY	1
47	601.1324	BOLT	1
52	601.2973	LOCKNUT	1
53	601.2943	LOCKNUT	3
60	601.2525	SCREW	1
63	601.2198	SCREW	3
67	601.1622	SCREW	4
72	601.2999	SCREW	3
85	601.2764	WASHER	2
86	601.1607	WASHER	10
89	601.2375	WASHER	3

SHOP COPY
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ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER NO. 153258


DEC 15 2016



REFERENCE ONLY

SUBJECT:
Manufacturing Process Procedure
EC-135 CCK Configuration Management

DOCUMENT NO:
MPP-195
Rev. N/C
12/15/16

Table 15: Universal Wiper Deflector (WD) Assembly, 647.7341

FIND #	PART #	DESCRIPTION	QTY
4	647.1601	WIPER DEFLECTOR ASSY, AFT	1
5	647.1610	WIPER DEFLECTOR, FWD	1
29	647.1914	BRACKET	1
30	647.1602	DOUBLER ASSY	1
35	647.3201	GROUNDING CABLE ASSY	1
47	601.1324	BOLT <i>AN4CH6A</i>	1
52	601.2973	LOCKNUT	1
53	601.2943	LOCKNUT	3
60	601.2525	SCREW <i>M527039-08-07</i>	1
63	601.2198	SCREW <i>M527039-1-07</i>	3
67	601.1622	SCREW <i>M527039-1-14</i>	4
72	601.2999	SCREW	3
85	601.2764	WASHER <i>NAS1149F0832P</i>	2
86	601.1607	WASHER <i>NAS1149F0332P</i>	10
89	601.2375	WASHER	3

Work Order ID 153258

Friday, December 16, 2016 10:23:39 AM

153258

Page 1

Item ID: 647.7341

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: EC135 Universal Wiper Deflector Assembly

Start Date: 12/8/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 12/8/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run Start *NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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MPP-195	N/C
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100	Document Control	0.00
100	DOCUMENT CONTROL	
DC	Memo	0.00
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 647.7341	

DAS
21
9-89

DEC 16 2016

110	Pick Kit	0.00
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110		
Packaging	Memo	0.00
Packaging		

120	QC4- 100% Inspect kits for completeness	0.00
-----	---	------

120		
QC	Memo	0.00
Quality Control		

Marie Lajeunesse

From: Kim Johnston
Sent: Friday, December 16, 2016 9:51 AM
To: Marie Lajeunesse
Subject: FW: EC135 CCK MPP & IIN corrections

Thanks,

Kim Johnston
*Engineering Clerk
Document Administrator*

DART AEROSPACE
T 1 613 632-5200 > ext. 226
F 1 613 632-9311



From: Sian Willems
Sent: Monday, December 12, 2016 9:21 AM
To: Lisa McMachen <lmcmachen@dartaero.com>; Kim Johnston <kjohnston@dartaero.com>
Subject: RE: EC135 CCK MPP & IIN corrections

Go ahead and load. A corrected version will follow once DaveM makes the updates.

SIAN WILLEMS
Customer Support Manager

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From: Lisa McMachen
Sent: Monday, December 12, 2016 8:26 AM
To: Kim Johnston <kjohnston@dartaero.com>; Sian Willems <swillems@dartaero.com>
Subject: FW: EC135 CCK MPP & IIN corrections

Hi Sian,
Kim says that the paperwork is not jiving...can we load the attached documents to the website as discussed on Friday? Please see the attached email.

Thanks,
Lisa McMachen

From: Sian Willems
Sent: Monday, December 12, 2016 7:21 AM